

INTERNATIONAL SEARCH REPORT

International Application No

PC 02/05455

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C67/05 C07C69/01 C07C51/215 C07C53/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 143 921 A (KARIM KHALID ET AL) 7 November 2000 (2000-11-07) *abstract; figs. 1 and 2; column 2, lines 40-57; columns 3-6 (in particular, column 5, lines 64-67 and column 6, lines 1-10); the examples and the claims*	1-18
X	US 6 040 474 A (WATSON DERRICK JOHN ET AL) 21 March 2000 (2000-03-21) *abstract; column 2, lines 50-67; columns 3-4; column 8, lines 64-68; column 9, lines 1-37 and the claims*	1-18
X	EP 0 985 656 A (BP CHEM INT LTD) 15 March 2000 (2000-03-15) *abstract; page 2, lines 28-58; page 3, in particular, lines 35-38 and 51-58; page 4, lines 1-27 and claims 1 and 2*	1-18
	--- -/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

20 February 2003

Date of mailing of the international search report

27/02/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040. Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Lorenzo Varela, M.J.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/AB 02/05455

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 90043 A (ZEYSS SABINE ;AVENTIS RES & TECH GMBH & CO (DE); DINGERDISSEN UWE) 29 November 2001 (2001-11-29) *abstract; page 2, lines 21-30; page 3, lines 1-5 and the claims* -----	1-18
A	WO 01 90042 A (ZEYSS SABINE ;AVENTIS RES & TECH GMBH & CO (DE); DINGERDISSEN UWE) 29 November 2001 (2001-11-29) *abstract; page 2, lines 18-31; page 3, third paragraph; page 5, lines 17-23; page 6, second paragraph; page 7, third paragraph; page 9, third paragraph and the claims* -----	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PO B 02/05455

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6143921	A	07-11-2000	CN 1360565 T WO 0069802 A1 EP 1180092 A1 JP 2002544250 T	24-07-2002 23-11-2000 20-02-2002 24-12-2002
US 6040474	A	21-03-2000	AU 3778997 A BR 9706542 A CA 2232185 A1 CN 1198732 A DE 69708600 D1 DE 69708600 T2 EP 0877727 A1 ES 2169408 T3 WO 9805620 A1 JP 11514675 T NO 981223 A NZ 329998 A RU 2181356 C2 US 6180821 B1 US 2002028965 A1 ZA 9706939 A	25-02-1998 20-07-1999 12-02-1998 11-11-1998 10-01-2002 04-07-2002 18-11-1998 01-07-2002 12-02-1998 14-12-1999 18-03-1998 26-05-2000 20-04-2002 30-01-2001 07-03-2002 18-02-1998
EP 0985656	A	15-03-2000	BR 9916183 A CN 1248573 A EP 0985656 A1 JP 2000063325 A KR 2000017197 A NO 993843 A SG 82627 A1 TR 9901914 A2 US 6225496 B1	23-04-2002 29-03-2000 15-03-2000 29-02-2000 25-03-2000 14-02-2000 21-08-2001 21-07-2000 01-05-2001
WO 0190043	A	29-11-2001	WO 0190043 A1 AU 5069000 A NO 20025173 A	29-11-2001 03-12-2001 28-10-2002
WO 0190042	A	29-11-2001	WO 0190042 A1 AU 4924200 A NO 20025147 A	29-11-2001 03-12-2001 25-10-2002